Ocean Central

Administration tool for centralized data handling with Ocean

Ocean Central User's Manual - English - Version 1.2A

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Welcome to Ocean Central

Ocean Central is used with Ocean and offers a central database capability. Data can be saved in one place and templates can easily be distributed to different users.

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Intended Use of the Ocean Central Software

Together with the Ocean Software from RTI Electronics AB it is to be used for administration of measured data that has been collected with Ocean.

If installed according to accompanying documents, the product is intended to be used together with Ocean:

- offer centralized storage of data
- offer centralized scheduling of work
- handling and assignment of users
- distribution of templates

The product is intended to run on a local network with possibilites to be accessed over the internet. The administrator of the product is responsible for all security aspects related to the use of Ocean Central.

The Ocean users needs a short training to be able to use the services offered by the Central. This training can be achieved either by careful study of the manual, studies of the built-in help function in the Ocean software.

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Chapter 1

Welcome to Ocean Central

1 Welcome to Ocean Central

Ocean Central is a central database software that increases productivity for a group using Ocean. It enables data storage in one central database.

Ocean Central has the following main features:

- Central database for clients' measurements
- Distribution of session templates
- Centralized inspection dates and intervals

1.1 General information

Ocean Central enables a group of Ocean users to share information and store their measured data in one central database. The central database can be reached over a local network or over the internet. Ocean Central should be installed on a computer that will be the "Ocean server". This can be any computer that has Ocean installed and runs Windows XP, Vista or Windows 7. You must have Ocean installed on the same computer. Ocean Central and Ocean on the server will access the same database. You can use Ocean to work with the incoming data as soon as it has been added to the central database (print reports, view data and so on). Ocean Central cannot access the content of the incoming session. It just controls the data flow between users and the central database. The administrator can use Ocean Central to work with part of the site information (names and ID) and inspection dates.

It is recommended to read through the manual first before starting to install and use Ocean Central.

1.1.1 Software configuration

Ocean Central consists of two main pieces of software, the Ocean Central user-interface and the Ocean Central Service. Ocean Central runs on the computer that has been chosen as "server". A copy of Ocean will also be installed on the same computer and it's database will be the "central database".

The administrator needs both Ocean Central and Ocean for his work to distribute templates and overview the incoming data from the users.

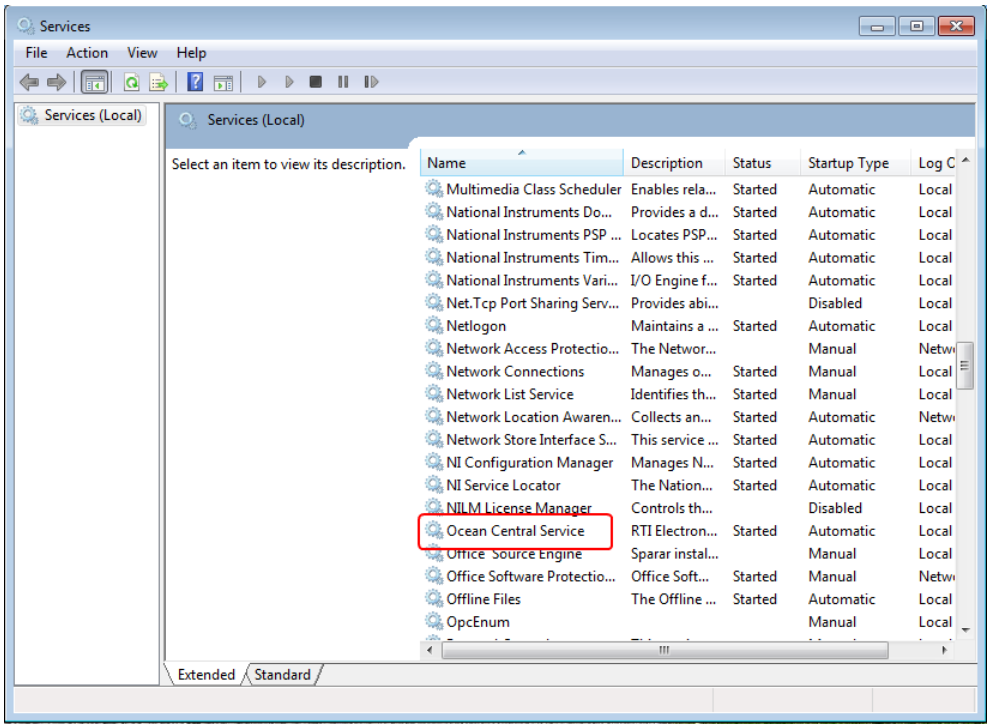
****** picture ******

The destination of incoming sessions are determined by the included facility, department and room information. Facilities, department and rooms can be defined by their Name or ID. ID is a alpha-numeric string that has been chose to identify a facility, department or room. It is up to the administrator to decide if name or ID will be used as identifier. The advantage of using ID is that you eliminate the risk that different users may spell names using capital letters, spaces and so on differently. The default state is Name. For larger organizations with many users we recommend to use ID to ensure data integrity.

The administrator also determines if data, coming from the users, should go directly into the central database or be put on hold by Ocean Central. In the latter case, the administrator must manually accept incoming sessions before they are added to the central database.

1.1.2 Ocean Central Service

The service installed by the Ocean Central installer and starts automatically. It handles all data communication between the users and the central database. The service listens/replies to port 7000 (TCP) for communication with the users and uses port 7001 (UDP) to send messages to its activity log. The port numbers may be changed if required. The displayed name is "Ocean Central Service".


Services
File Action View Help
Services (Local)
Services (Local)
Select an item to view its description.
Name Description Status Startup Type Log C
Multimedia Class Scheduler Enables rela... Started Automatic Local
National Instruments Do... Provides a d... Started Automatic Local
National Instruments PSP ... Locates PSP... Started Automatic Local
National Instruments Tim... Allows this ... Started Automatic Local
National Instruments Vari... I/O Engine f... Started Automatic Local
Net.Tcp Port Sharing Serv... Provides abi... Disabled Local
Netlogon Maintains a ... Started Automatic Local
Network Access Protectio... The Networ... Manual
Network Connections Manages o... Started Manual Local
Network List Service Identifies th... Started Manual Local
Network Location Awaren... Collects an... Started Automatic
Network Store Interface S... This service ... Started Automatic Local
NI Configuration Manager Manages N... Started Automatic Local
NI Service Locator The Nation... Started Automatic Local
NILM License Manager Controls th... Disabled Local
Ocean Central Service RTI Electron... Started Automatic Local
Office Source Engine Sparar instal... Manual Local
Office Software Protectio... Office Soft... Started Manual
Offline Files The Offline ... Started Automatic Local
OpcEnum Manual Local
Extended Standard

1.2 Installation

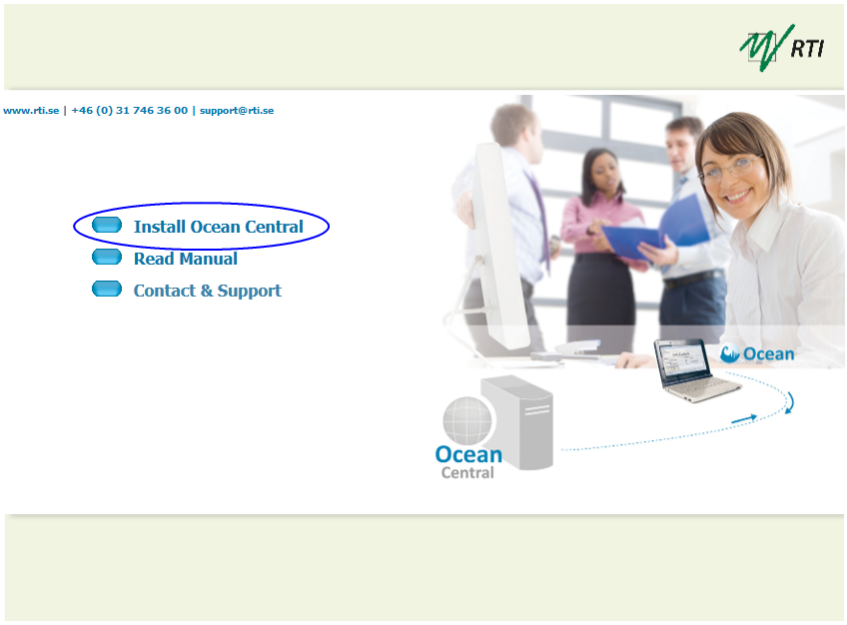
To install Ocean Central you need the Ocean Central CD and two license keys; one for the application and one for the number of users you have purchased. Make sure you put the license keys in a safe place, in case you need to reinstall the software in the future. Follow the instructions for how to install Ocean Central. Be aware that installation and use of Ocean Central might need to involve your local IT administrator depending on the security of your network and if you want to be able to access Ocean Central from outside of your local network.

Note that you must have full administrator rights to the computer where you want to install Ocean Central.

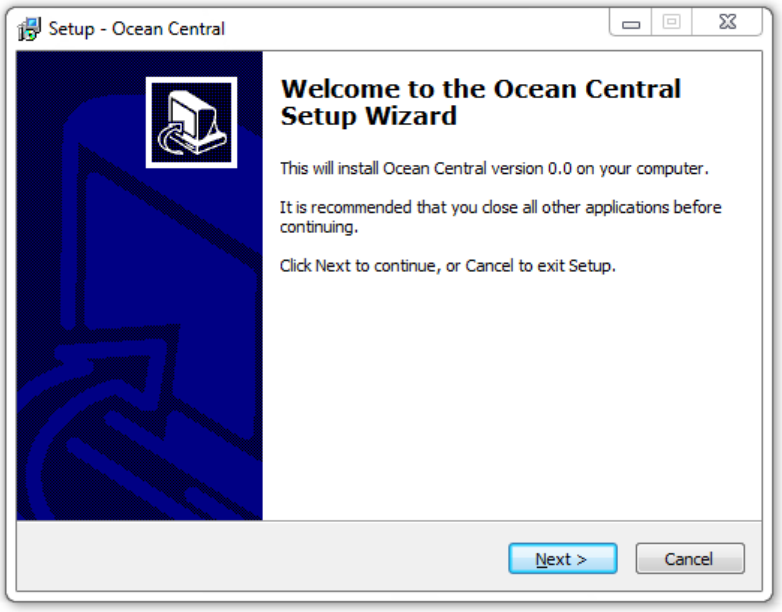
To install Ocean Central:

1. Make sure that Ocean is installed first on the computer that will be designated for Ocean Central. The database belonging to this installation of Ocean will be your "central database".

2. Insert the Ocean Central CD. If it does not auto-start, run "Start.exe". Note: You must run it with **Administrator** rights.

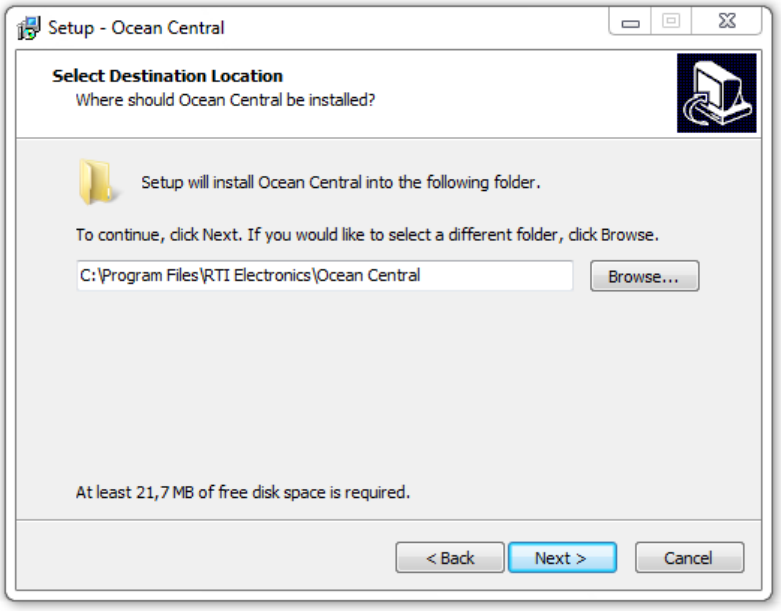


Click on **Install Ocean Central**.


Setup - Ocean Central
Welcome to the Ocean Central Setup Wizard
This will install Ocean Central version 0.0 on your computer.
It is recommended that you close all other applications before continuing.
Click Next to continue, or Cancel to exit Setup.
Next >
Cancel

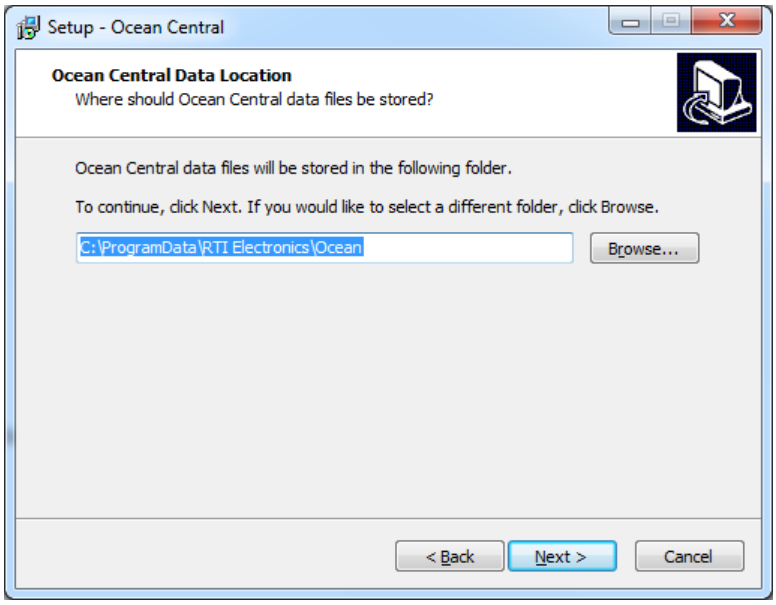
Click next.

3. Choose where, on your computer, you want to install Ocean Central.


Setup - Ocean Central
Select Destination Location
Where should Ocean Central be installed?
Setup will install Ocean Central into the following folder.
To continue, click Next. If you would like to select a different folder, click Browse.
C:\Program Files\RTI Electronics\Ocean Central
Browse...
At least 21,7 MB of free disk space is required.
< Back
Next >
Cancel

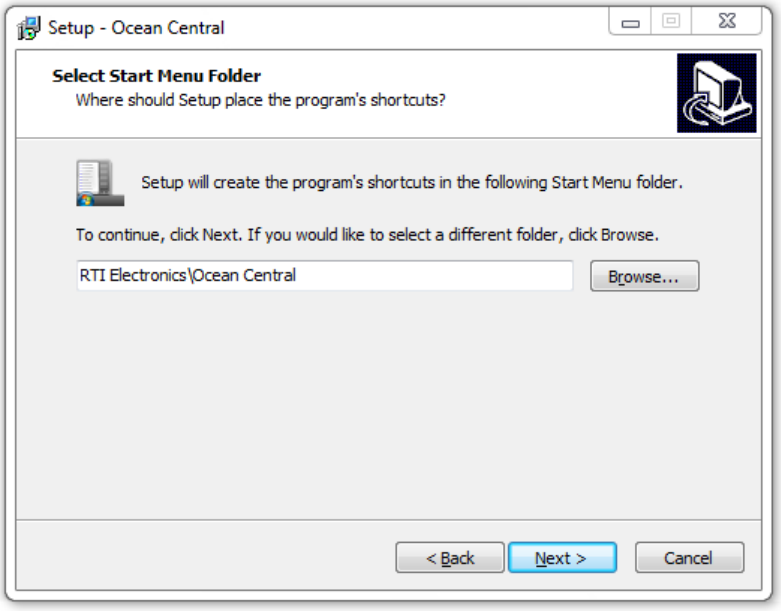
Normally, you use the default place. Click Next.

4. Select the path for the Ocean database that will be used by Ocean Central.


Setup - Ocean Central
Ocean Central Data Location
Where should Ocean Central data files be stored?
Ocean Central data files will be stored in the following folder.
To continue, click Next. If you would like to select a different folder, click Browse.
C:\ProgramData\RTI Electronics\Ocean
Browse...
< Back
Next >
Cancel

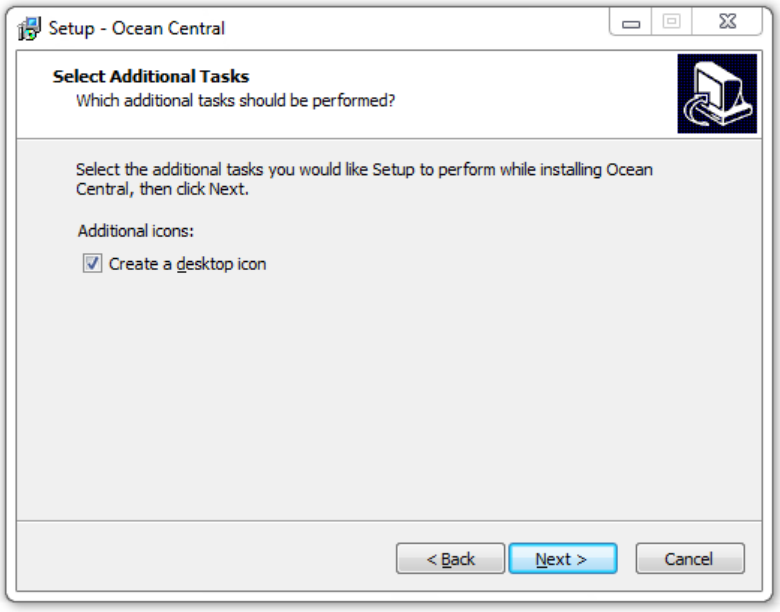
Normally, you use the default place. Click Next.

5. Select Start Menu folder:


Setup - Ocean Central
Select Start Menu Folder
Where should Setup place the program's shortcuts?
Setup will create the program's shortcuts in the following Start Menu folder.
To continue, click Next. If you would like to select a different folder, click Browse.
RTI Electronics\Ocean Central
Browse...
< Back
Next >
Cancel

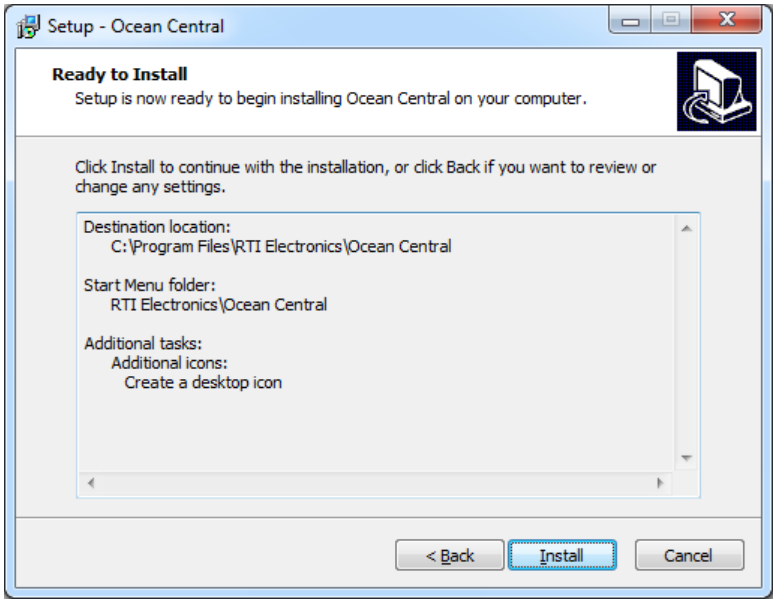
Normally, you use the default folder. Click Next.

6. Click the checkbox if you want to have an icon for Ocean Central on your desktop.

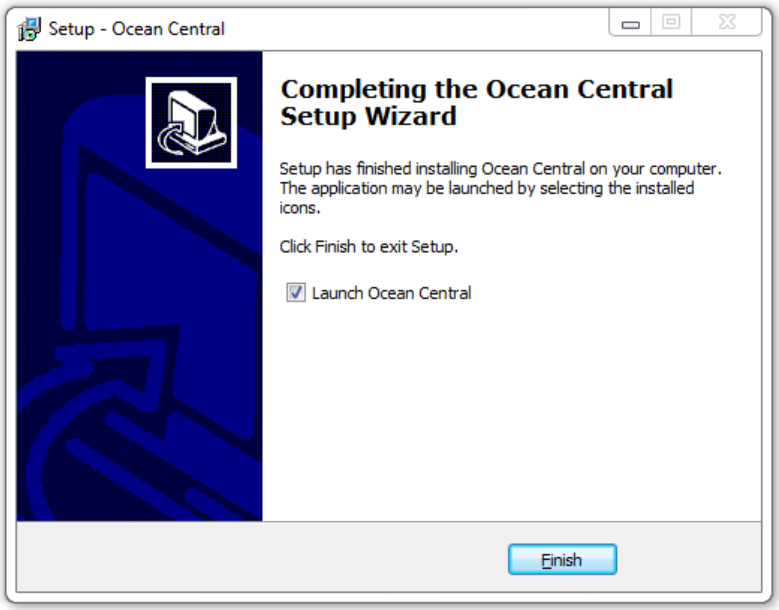

Setup - Ocean Central
Select Additional Tasks
Which additional tasks should be performed?
Select the additional tasks you would like Setup to perform while installing Ocean Central, then click Next.
Additional icons:
Create a desktop icon
< Back
Next >
Cancel

Click next.

7. Click Install.


Setup - Ocean Central
Ready to Install
Setup is now ready to begin installing Ocean Central on your computer.
Click Install to continue with the installation, or click Back if you want to review or change any settings.
Destination location:
C:\Program Files\RTI Electronics\Ocean Central
Start Menu folder:
RTI Electronics\Ocean Central
Additional tasks:
Additional icons:
Create a desktop icon
< Back
Install
Cancel

8. Click the checkbox if you want to launch Ocean Central immediately after installation.

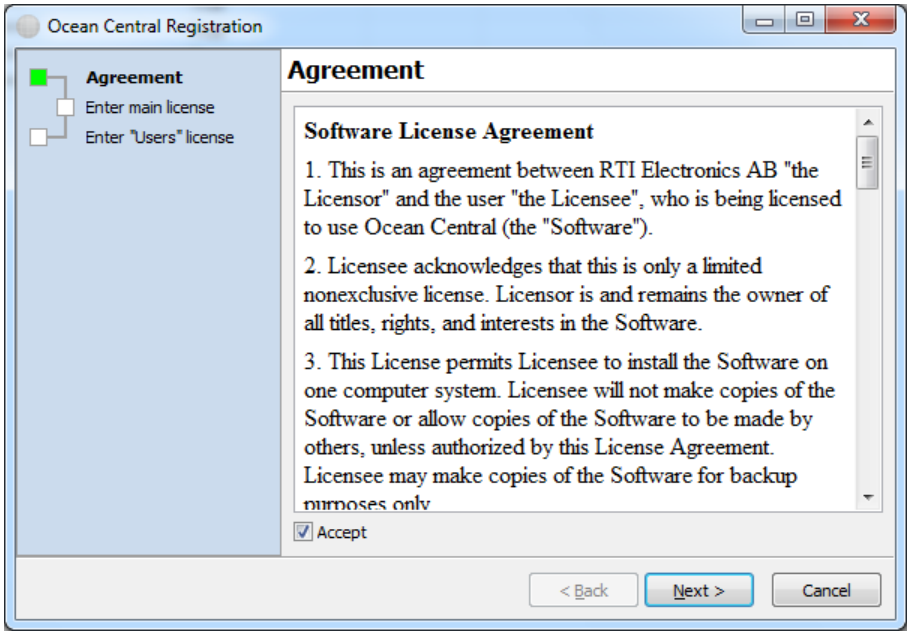

Setup - Ocean Central
Completing the Ocean Central Setup Wizard
Setup has finished installing Ocean Central on your computer. The application may be launched by selecting the installed icons.
Click Finish to exit Setup.
Launch Ocean Central
Finish

Click Finish. The installation of Ocean Central is now completed.

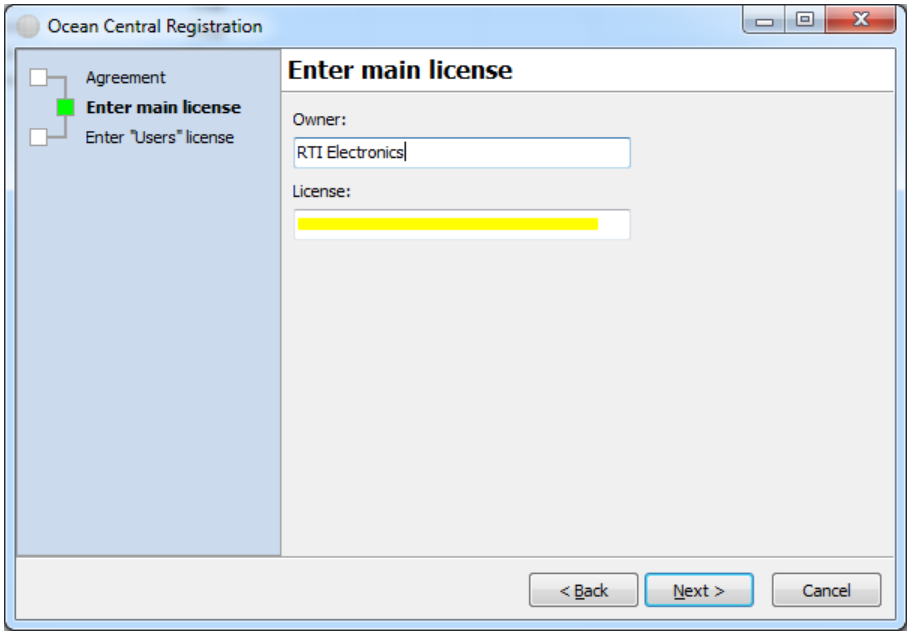
Preparing Ocean Central for use:

Start Ocean Central by clicking on the desktop icon. A wizard will start automatically to guide you through a few necessary steps to prepare Ocean Central for use. You must now have the two licence keys that came with your CD. One "Ocean Central license" key (specifying "Central" or "Central+") and one "User license" key (specifying maximum number of users).

1. The first time you run Ocean Central, wizard starts. You must accept the license agreement and click Next.

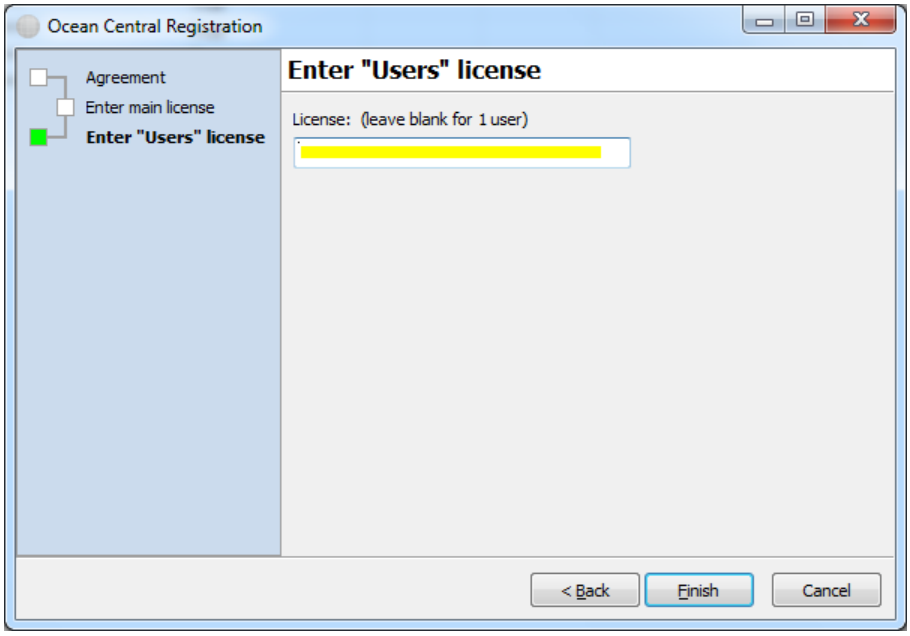

Ocean Central Registration
Agreement
Enter main license
Enter "Users" license
Agreement
Software License Agreement
1. This is an agreement between RTI Electronics AB "the Licensor" and the user "the Licensee", who is being licensed to use Ocean Central (the "Software").
2. Licensee acknowledges that this is only a limited nonexclusive license. Licensor is and remains the owner of all titles, rights, and interests in the Software.
3. This License permits Licensee to install the Software on one computer system. Licensee will not make copies of the Software or allow copies of the Software to be made by others, unless authorized by this License Agreement. Licensee may make copies of the Software for backup
Accept
< Back
Next >
Cancel

2. Enter the "owner name" you specified when you purchased Ocean Central and the corresponding license key.

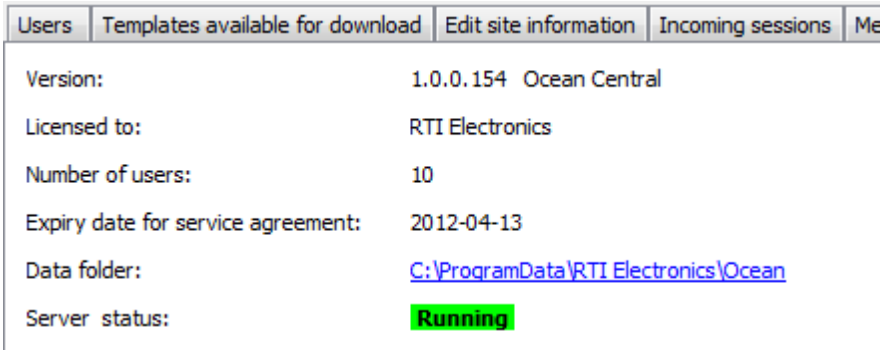


Click Next.

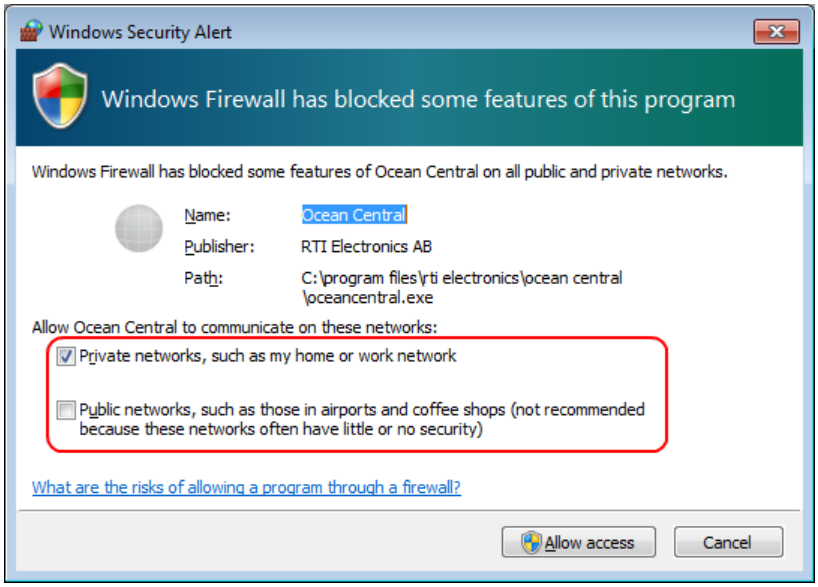
3. Enter the license key that gives you the number of users you have purchased.



The first time Ocean Central starts, you may get a message from your firewall if you have one. If not, or after you have configured the firewall, go to Ocean Central About and verify owner name and that correct number of users are available. It should look similar to the picture below if you have followed the steps correctly:



The firewall will most likely "complain" and we show here how you configure Windows Firewall for Ocean Central. The screen of your firewall may be different than the one we are showing here, but the steps to take are similar.


Windows Security Alert
Windows Firewall has blocked some features of this program
Windows Firewall has blocked some features of Ocean Central on all public and private networks.
Name: Ocean Central
Publisher: RTI Electronics AB
Path: C:\program files\rti electronics\ocean central \oceancentral.exe
Allow Ocean Central to communicate on these networks:
Private networks, such as my home or work network
Public networks, such as those in airports and coffee shops (not recommended because these networks often have little or no security)
What are the risks of allowing a program through a firewall?
Allow access
Cancel

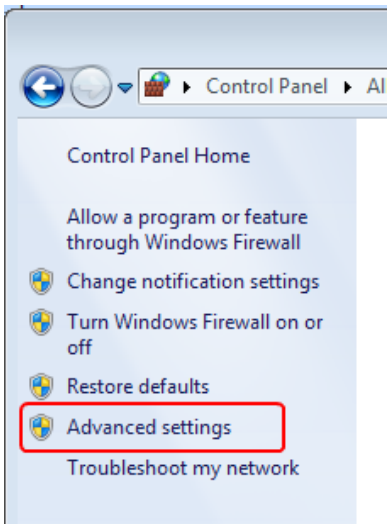
Depending on where the server is located you may see one more option in the red frame. You may also see "Domain" here. Check the type of networks you allow Ocean Central to communicate with and click "Allow access".

Ocean Central is now running on your computer and the firewall on you computer (if you had one) is now setup to accept communication with the networks you allowed. Ocean Central is by default using Port 7000 to send data and this port must be opened in the firewall. If all remote users (clients) are located inside your domain or inside a local network, you only need to modify the firewall on the computer that runs Ocean Central. If you want to access Ocean Central from the "outside" you must normally also open up the port on the firewall that is protecting your network. Contact your IT-department regarding this. However, note you don't need to access Ocean Central within the network or domain you currently are connected to.

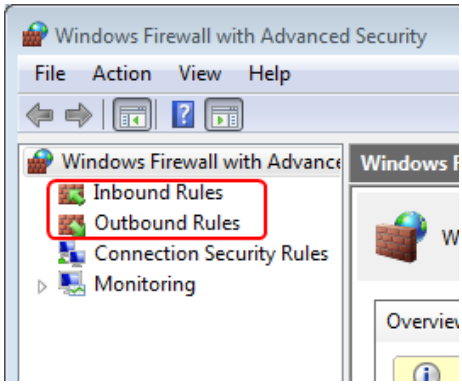
To open up port 7000 (or any other port you may want to use instead). You must open it for both outgoing and incoming traffic:

1. Go to the Control Panel and click on Windows Firewall.

2. Select Advanced settings:

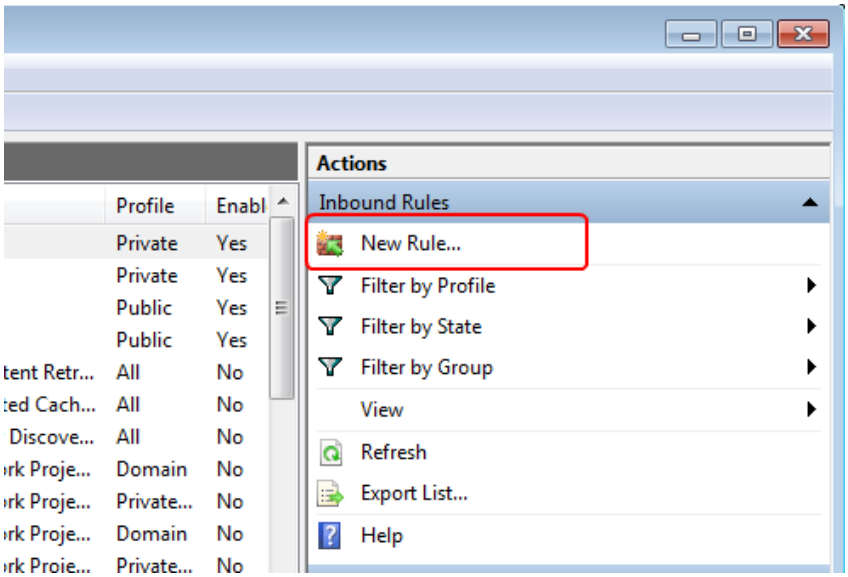


3. You must add one rule for outbound traffic and one for inbound traffic.

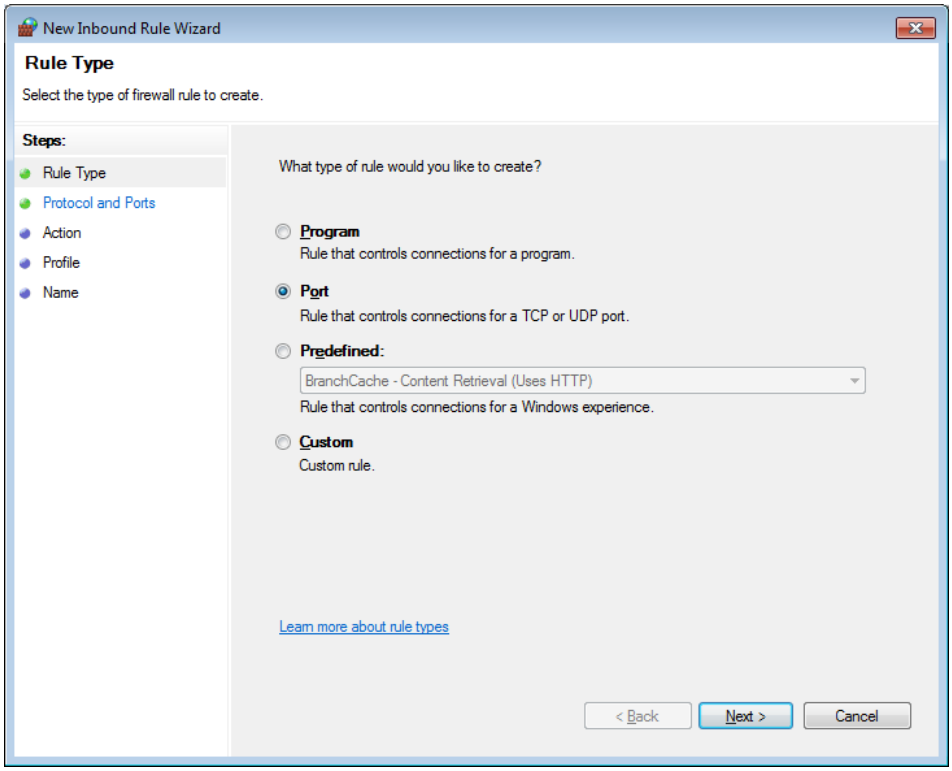


4. Start with inbound traffic. Click on Inbound Rules.

5. All existing rules are shown. Click on New Rule

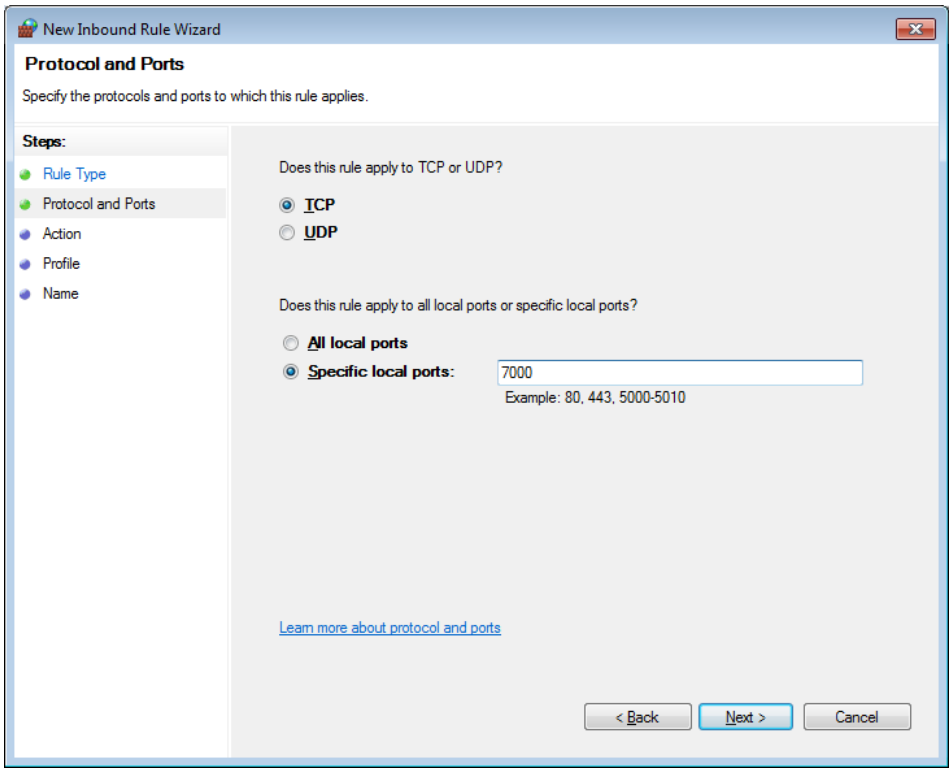


6. A wizard starts that guides you through the process to set up a rule.



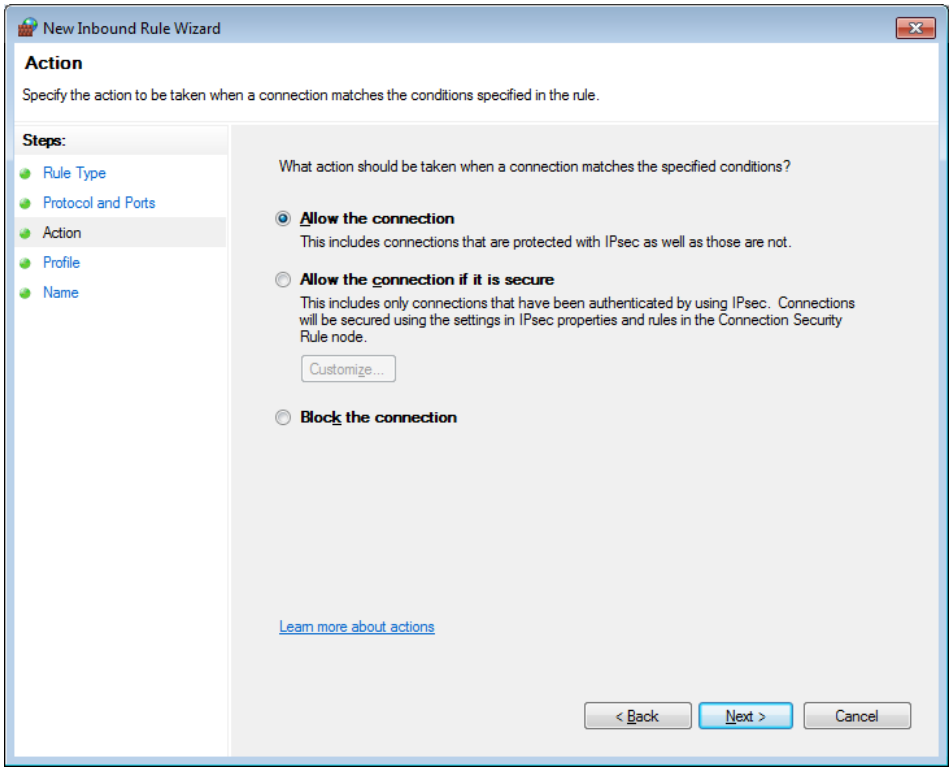
You want to create a rule for a port. Select Port and click Next.

7. Next specify protocol and port number.



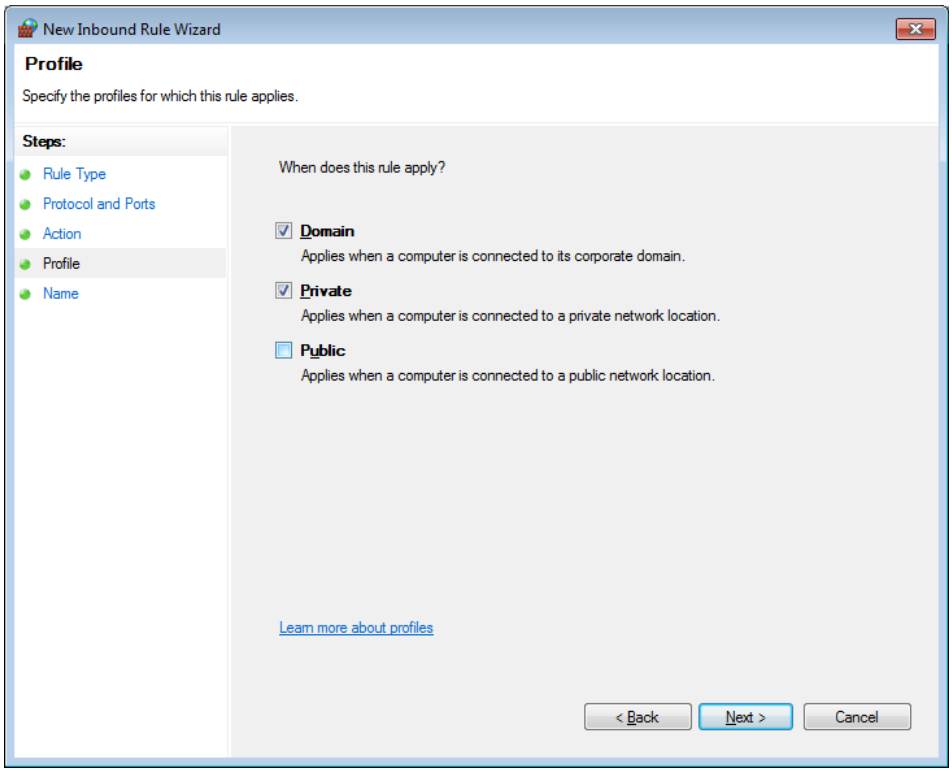
Select TCP and specify port number 7000. Click Next.

8. Choose "allow the connection".


New Inbound Rule Wizard
Action
Specify the action to be taken when a connection matches the conditions specified in the rule.
Steps:
Rule Type
Protocol and Ports
Action
Profile
Name
What action should be taken when a connection matches the specified conditions?
Allow the connection
This includes connections that are protected with IPsec as well as those are not.
Allow the connection if it is secure
This includes only connections that have been authenticated by using IPsec. Connections will be secured using the settings in IPsec properties and rules in the Connection Security Rule node.
Customize...
Block the connection
Learn more about actions
< Back
Next >
Cancel

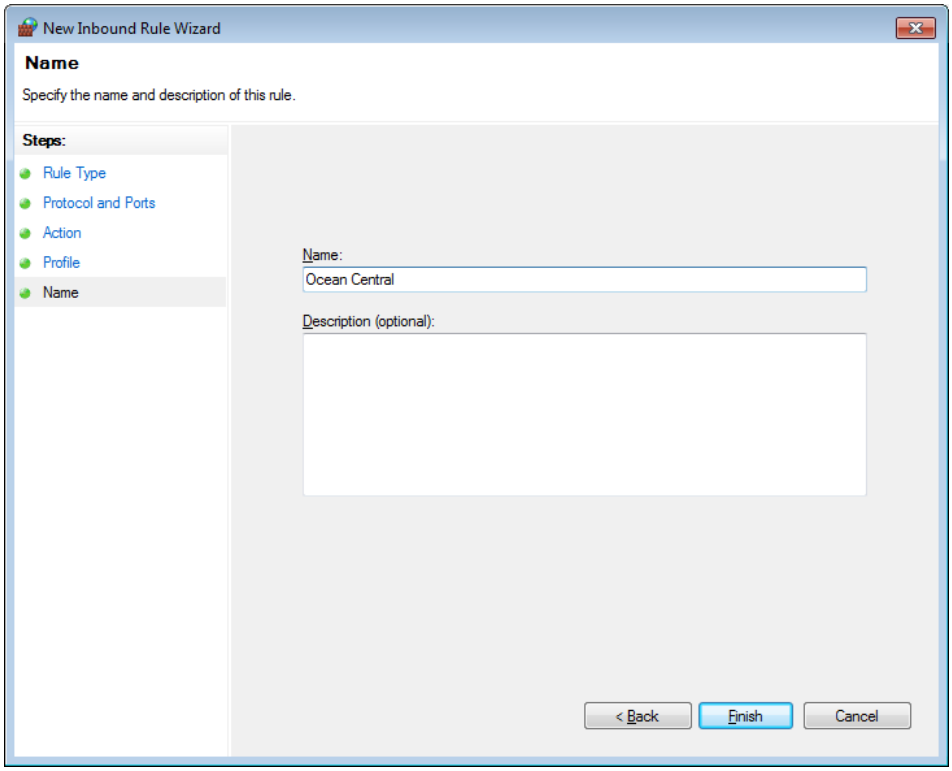
Select Allow the connection. Click Next.

9. Specify when the rule applies.



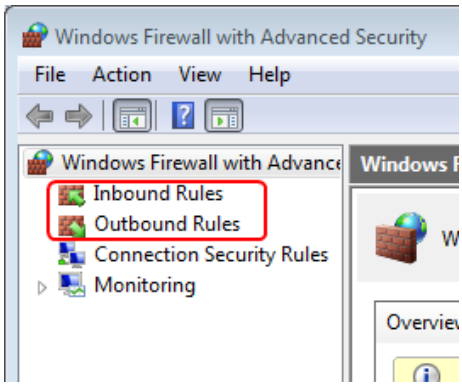
Select the type of connections you want to allow. Click Next.

10. Specify a name for the rule.



Write the name and click Finish.

11. You have now created a rule for the inbound traffic. You now need to repeat this four outbound traffic. Click on Outbound Rules.



12. Repeat the same procedure as for Outbound Rule to set up a rule for outbound traffic.

13. When you are ready, close the Control Panel and go back to Ocean Central.

14. Go to the About tab and verify that the correct owner name and the correct number of users are indicated.

Before you are ready to use Ocean Central, you must correctly configure it for use. Read the section Getting started to correctly configure Ocean Central.

1.3 Getting started

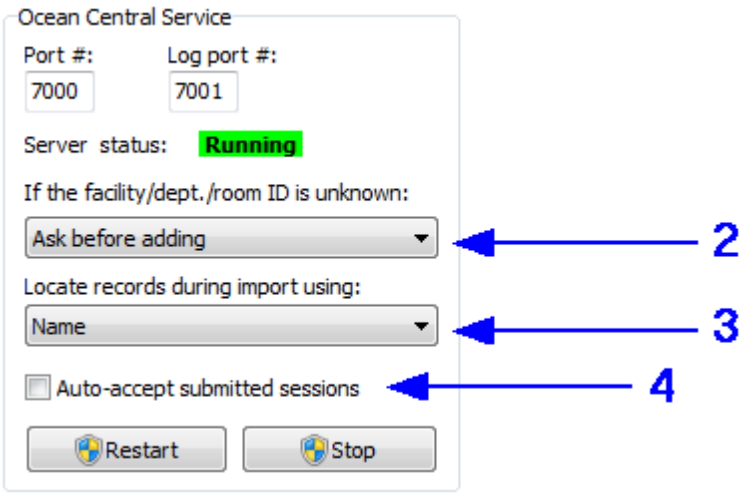
Before you can start using Ocean Central you have to configure it the way you want it to be used. There are a few questions you have to answer first:

- should uploaded sessions go directly into the central database or should they be approved by the administrator first?
- should the administrator be able to view the report before it goes into the central database?
- should new sites (facilities, departments and rooms) be created automatically or must it be approved by the administrator?
- should inspection dates/intervals be controlled by the administrator (centrally) or by each user individually (or not used at all)

If you have decided to use ID to identify facilities, deparetments and rooms, all items must have an ID. The IDs are used to determine which room, department and facility a certain session belongs to and to ensure that it is stored in the same facility, department and room in Ocean Central's database. The use of ID (instead of Name) ensures that every item is uniquely identified. Before you start use Ocean Central, you must decide how to organize all your facility information and create a system for ID's if you don't have one already. All facilities in the central database and in all local databases must then be updated with ID. In case you decide to use Name, you don't need to prepare anything before you start to use Ocean Central.

NOTE: Make sure that the version of Ocean Central you have is compatible with the Ocean that the users (clients) are running. The current version of Ocean Central 1.0.0.XXX requires users to run Ocean version 2012.05.09.82 or higher.

Go to the Setup tab to begin configuring Ocean Central (you can read a full description of this tab in the section Setup):



1. It is best to leave the Port number at the default setting, unless you need to change it for some reason. If you are unsure, contact your network administrator.

2. All incoming sessions can be located either by Name or ID (see next step). Here you decide if you will allow sessions even if facility/department/room Name or ID is unknown in the central database to be added automatically. You can select between "Ask before adding" or "Add automatically".

3. Specify whether Name or ID should be used as data exchange identifiers.

Note: Make sure that the Ocean you run on the server has the same setting on the Preference tab in Program Options as Ocean Central.

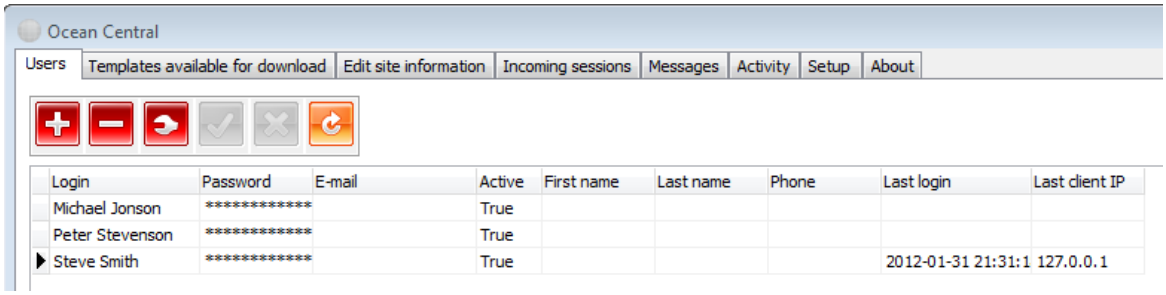
4. Next, choose how incoming sessions are processed when received. You have the option for them to go directly into the central database or to be held and accepted by the administrator. If you leave this box unchecked, the administrator must always manually approve all incoming sessions sent by the users.

It is recommended that you, at least in the beginning, leave this box unchecked.

ATTENTION: If you change anything in the Setup tab (items 1-4 above) you must restart the service. You will also be alerted that you need administrator rights to start/restart the service.

You must have administrator rights to start/restart the service.

Now go to the Users tab to add users to the database (you can read a full description of this in the section Users):



All user information is specified under this tab, including their login and password. Each user should be assigned a unique user name and a password. You must enter at least one user to be able to test Ocean Central.

1. Click to create a new user record, and specify the user name.

2. Create a password for the user.

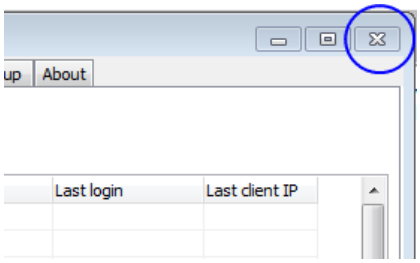
3. The fields E-mail, First name, Last name and Phone are optional. It is useful to have user e-mail on file however, to be able to use Ocean Central's e-mail feature where clicking on a user's name will enable the administrator to send an e-mail to that user with comments on the report the user just submitted.

4. When all data is entered, click on the Save changes button .

5. Repeat above steps to enter more users.

6. You have now met the minimum requirement to test Ocean Central. You must now configure one Ocean user computer. Go to another computer (must be on the same network as Ocean Central) with Ocean and follow the instructions in the next section Setup users for Ocean Central.

To quit Ocean Central click on the close button in the upper right corner:



1.4 Setup Ocean to use Ocean Central

Information to be provided by administrator to users

Users will find a description of how to set up their computers to connect with Ocean Central in the section "Setup Ocean to use Central" of the Ocean User's Manual. To do this, they must have the following information from the administrator of Ocean Central:

- Ocean Central server name or IP address
- Port number
- Login name
- Password
- If they should include PDF files when they submit sessions
- How inspection dates and intervals are controlled
- ID or Name for facilities, departments and rooms

Include PDF file

If Ocean Central is configured to hold incoming sessions and require the administrator to approve them before they go into the database, it may be convenient to be able to review them first. A checkbox is provided for this purpose and should be checked. It is recommended to turn on this feature if you have set up Ocean Central to require the administrator manually accept sessions before adding them to the central database.

NOTE! This PDF file doesn't affect what goes into the central database since it is stripped off. It is just included to offer the administrator the possibility to review and/or comment on a report before the session is added to the central database.

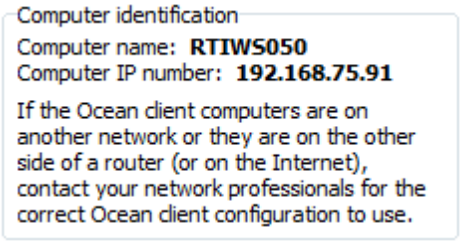
Inspection dates and intervals

If room inspection dates and intervals are used you may work in two different ways:

Locally controlled: Users are responsible to set their own dates and intervals for the rooms they work on.
Centrally controlled: The administrator sets all inspection dates and intervals for all rooms in the server.

How to find out the IP address or the server name

You must provide a name or an IP address for the Ocean Central server to enable the users to access it. To see the computer name and IP number, go to the Setup tab on Ocean Central and you will see the computer identification similar to the picture below.


Computer identification
Computer name: RTIWS050
Computer IP number: 192.168.75.91
If the Ocean client computers are on another network or they are on the other side of a router (or on the Internet), contact your network professionals for the correct Ocean client configuration to use.

Configure Ocean to use Ocean Central

Go to Program Options in Ocean and follow the instructions given, using the information provided by the administrator. Look above, to see what information you need from your administrator to configure Ocean properly.

You have the option in Ocean to use ID or name as identifiers for data exchange between Ocean and Ocean Central. IF the ID identifier option is chosen, each session sent to Ocean Central must have an ID for the facility, department and room respectively. These IDs are necessary so that Ocean Central can place the session in the correct room, department and facility in it's own database.

NOTE: Make sure that all users have up-to-date local databases with the correct ID information for all facilities, departments and rooms.

Test connection to Ocean Central

The easiest way to verify that you are connecting properly to Ocean Central is to use the **Test connection** button in Program Options in Ocean.

1.5 Final setup in Ocean Central

The following steps should be followed after the initial communications testing between a user computer (running Ocean) and Ocean Central was performed:

1. Go to the Users tab and add all users.

2. Go to the Templates available for download tab. Choose the session templates/test templates/real time displays you want all users to be able to access by selecting them from the list showing all of the available templates in Ocean Central.

3. Go to the Edit Site information tab. It may take some time to load this page if you have many sites in your database. This grid is provided to give the administrator basic viewing and editing functionality of the incoming site data. Give all facilities, departments and rooms unique ID. Make sure that the same are updated on the local user's computers.

NOTE: If you choose to use IDs, a cell with a red background is shown where IDs are missing.

4. If you have decided to control inspection dates and intervals centrally, select dates and inspection intervals now for all rooms you want to schedule.

5. Go to the Messages tab. Under this tab, you can write two different messages for your users. The first will be shown to your users when they download templates from Ocean Central and the second will be shown to them when they will upload their measured sessions.

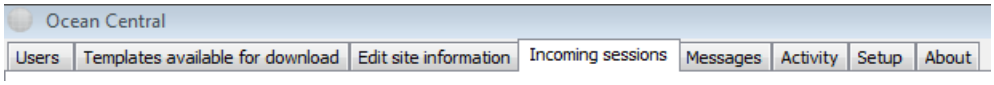
You have now set up everything you need and the users should be able to download templates and upload their measured sessions. If you are setting inspection dates centrally, do not forget to notify the users to update their inspection schedule (they do that by clicking the **Update inspection date** button on the ribbon bar in Ocean).

Chapter 2

Main functions

2 Main functions

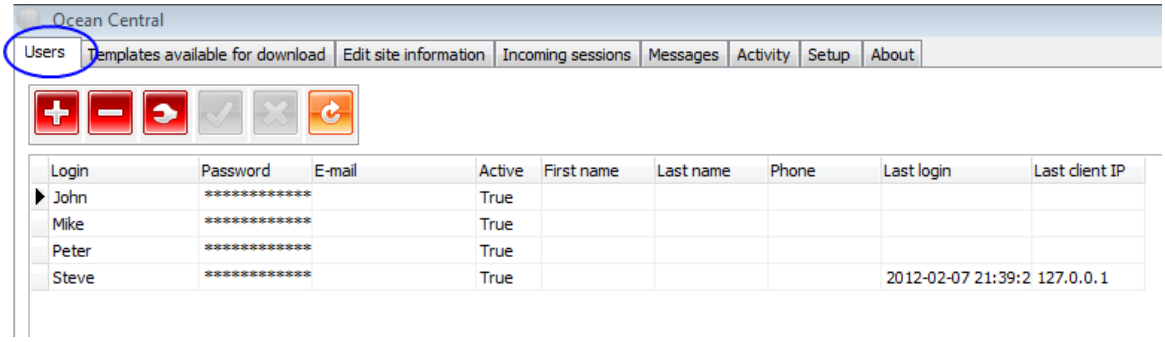
All of the features of Ocean Central is organized under a group of tabs (a listing of the tabs is provided below) for easy navigation.



Users	approved users
Templates available for download	distribute templates to the users
Edit site finformation	makes it possible to edit the site information in the central database
Incoming session	View all incoming sessions (unless Ocean Central is set up to accept incoming session automatically)
Messages	create messages that users will be able to read
Activity	shows Ocean Central access activities
Setup	setup options for Ocean Central
About	basic information about Ocean Central

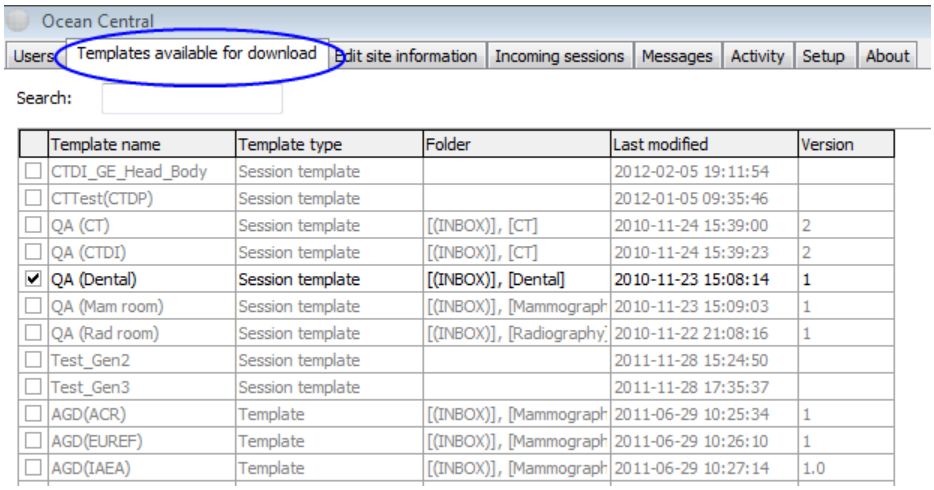
2.1 Users

The page below shows the Users tab of Ocean Central. All users connected to Ocean Central are listed here. A login and password is required to register a new user.



2.2 Templates for download

The Templates for download tab (see picture below) is where templates are listed that are available for download by users.



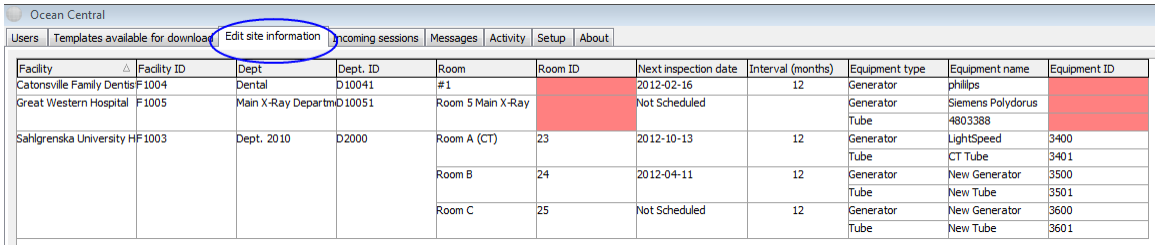
	Template name	Template type	Folder	Last modified	Version
☐	CTDI_GE_Head_Body	Session template		2012-02-05 19:11:54	
☐	CTTest(CTDP)	Session template		2012-01-05 09:35:46	
☐	QA (CT)	Session template	[(INBOX)], [CT]	2010-11-24 15:39:00	2
☐	QA (CTDI)	Session template	[(INBOX)], [CT]	2010-11-24 15:39:23	2
☑	QA (Dental)	Session template	[(INBOX)], [Dental]	2010-11-23 15:08:14	1
☐	QA (Mam room)	Session template	[(INBOX)], [Mammograph	2010-11-23 15:09:03	1
☐	QA (Rad room)	Session template	[(INBOX)], [Radiography	2010-11-22 21:08:16	1
☐	Test_Gen2	Session template		2011-11-28 15:24:50	
☐	Test_Gen3	Session template		2011-11-28 17:35:37	
☐	AGD(ACR)	Template	[(INBOX)], [Mammograph	2011-06-29 10:25:34	1
☐	AGD(EUREF)	Template	[(INBOX)], [Mammograph	2011-06-29 10:26:10	1
☐	AGD(IAEA)	Template	[(INBOX)], [Mammograph	2011-06-29 10:27:14	1.0

The administrator may, from this page, make available selected templates for users. All templates that are checked (selected) will be visible to the users and they can download them to their own computer.

It is not possible to modify templates from this page. If changes must be made to templates, such changes will need to be done in Ocean.

2.3 Edit site information

The page below represents the Edit site information tab in Ocean Central (see picture).



Facility	Facility ID	Dept	Dept. ID	Room	Room ID	Next inspection date	Interval (months)	Equipment type	Equipment name	Equipment ID
Catonsville Family Dentis	F1004	Dental	D10041	#1		2012-02-16	12	Generator	phillips	
Great Western Hospital	F1005	Main X-Ray Departm	D10051	Room 5 Main X-Ray		Not Scheduled		Generator	Siemens Polydorus	
								Tube	4803388	
Sahlgrenska University HF	F1003	Dept. 2010	D2000	Room A (CT)	23	2012-10-13	12	Generator	LightSpeed	3400
								Tube	CT Tube	3401
				Room B	24	2012-04-11	12	Generator	New Generator	3500
								Tube	New Tube	3501
				Room C	25	Not Scheduled	12	Generator	New Generator	3600
								Tube	New Tube	3601

This page is used to:

- edit site item names
- ID administration (if used)
- Set inspection dates and intervals (if centrally controlled)

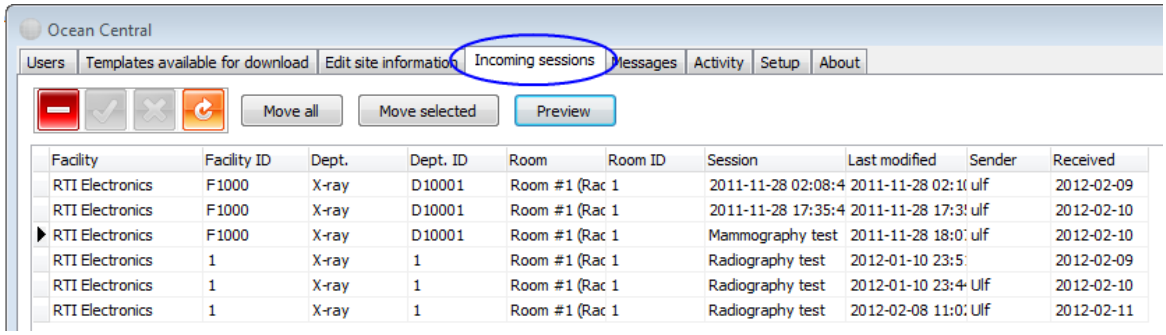
This table gives a good overview of all facility and equipment information. It is possible to edit item names and IDs. If an ID is missing, the cell is marked with red background, as shown above. If you click on the column heading, filter functions are available to simplify search functions.

If inspection dates are controlled from the server, this table offers a convenient way to work with dates and intervals. Any changes that are made in the table will be reflected in the user's database when the button **Update inspection dates** in Ocean is clicked.

2.4 Incoming session

The page below is an example of the Incoming sessions tab information in Ocean Central. The administrator can view session reports if users upload them with the PDF option turned on. If a PDF is available with an incoming session, the **Preview** button is enabled. If "auto-accept" is chosen in the setup, then incoming session are moved to the central database automatically and this page will have no

information in it.


Ocean Central
Users
Templates available for download
Edit site information
Incoming sessions
Messages
Activity
Setup
About
Move all
Move selected
Preview
Facility
Facility ID
Dept.
Dept. ID
Room
Room ID
Session
Last modified
Sender
Received
RTI Electronics F1000 X-ray D10001 Room #1 (Rac 1 2011-11-28 02:08:4 2011-11-28 02:1(ulf 2012-02-09
RTI Electronics F1000 X-ray D10001 Room #1 (Rac 1 2011-11-28 17:35:4 2011-11-28 17:3! ulf 2012-02-10
RTI Electronics F1000 X-ray D10001 Room #1 (Rac 1 Mammography test 2011-11-28 18:0 ulf 2012-02-10
RTI Electronics 1 X-ray 1 Room #1 (Rac 1 Radiography test 2012-01-10 23:5 2012-02-09
RTI Electronics 1 X-ray 1 Room #1 (Rac 1 Radiography test 2012-01-10 23:4 Ulf 2012-02-10
RTI Electronics 1 X-ray 1 Room #1 (Rac 1 Radiography test 2012-02-08 11:0 Ulf 2012-02-11

The column "Sender" shows who submitted a session. If the user has an e-mail address specified and you click on the user name, you can send an e-mail to the user with the report attached. This is convenient if the administrator has comments or questions regarding a submitted report and changes are required before the session is added to the central database.

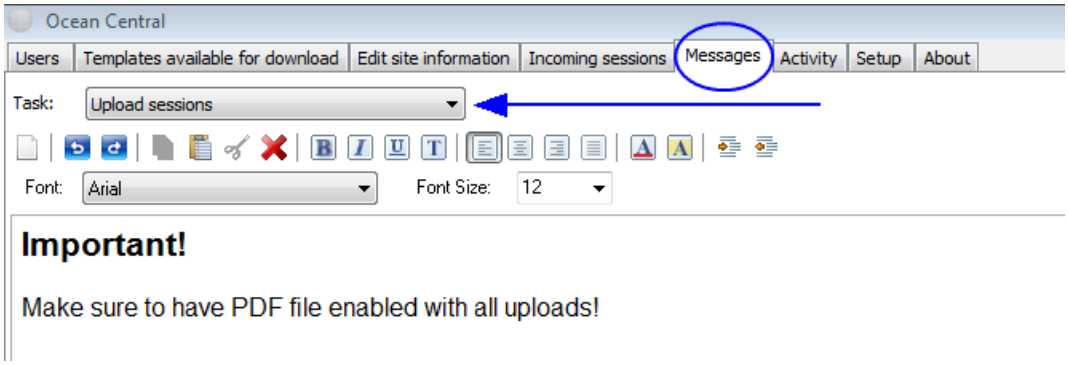
The administrator can edit fields here before the session is added to central database. You may want to:

- change or edit a name
- edit or add a ID (if ID is used)
- change or edit a date

If a session is rejected, it can be deleted by using the delete session button .

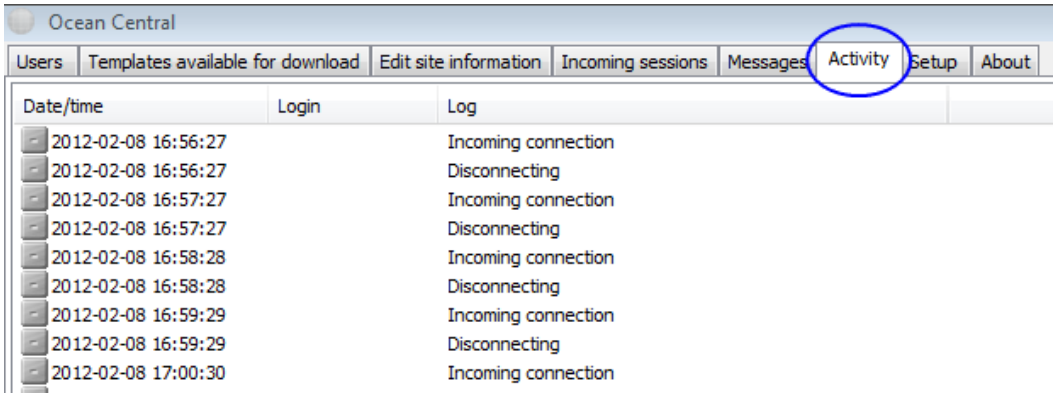
2.5 Messages

The administrator can define two different types of messages. One is shown when users upload sessions to the central database and the other is shown when they download templates. The type of message to be displayed may be selected from the drop-down list (see picture below).



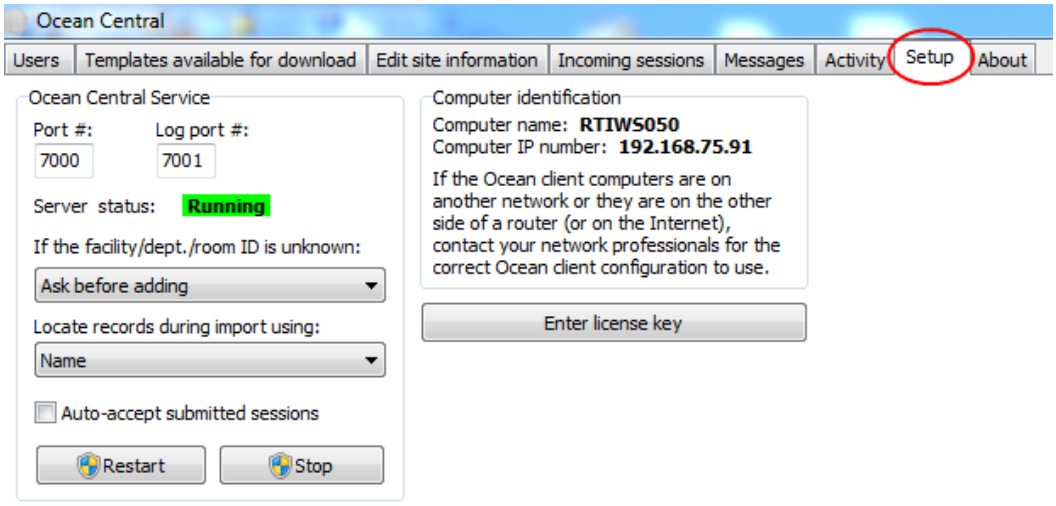
2.6 Activity

This page is an activity log, showing when users connect to Ocean Central.



2.7 Setup

The following information is displayed on the Setup tab (see picture below):



Port number: Ocean Central uses these ports to communicate with the users. The port specified for Ocean Central Service must be open in the firewall.

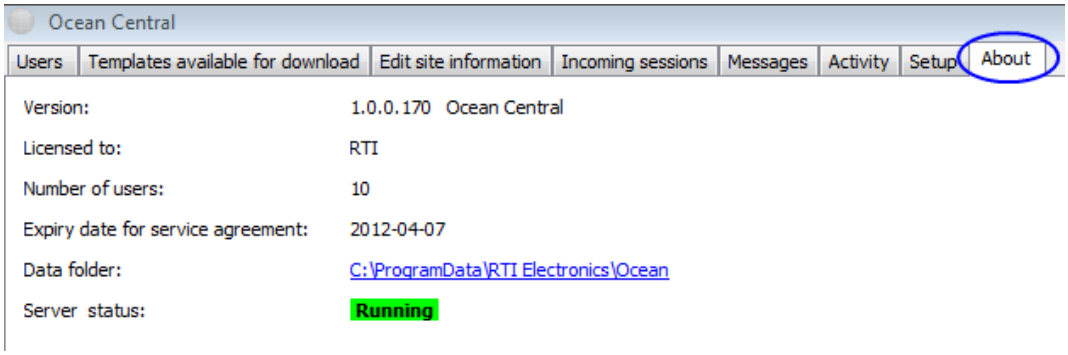
Auto-accept: If checked, the sessions that users upload will be moved into the central database automatically. The incoming sessions will not be displayed on the Incoming sessions page.

Restart and **Stop**: These buttons Restart and Stop the Ocean Central Service (you can also do this from the Control Panel -> Administrative Tools -> Services).

Enter license key: Click here if you need to change a license key, for example if you increase number of users.

2.8 About

The About tab (shown below) displays information about Ocean Central.

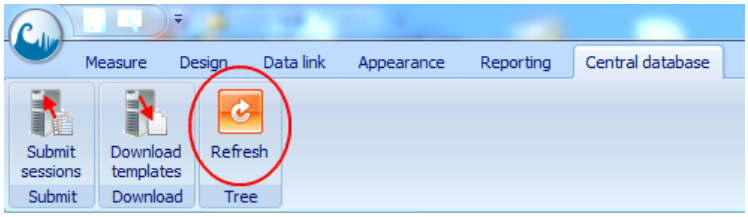


Chapter 3

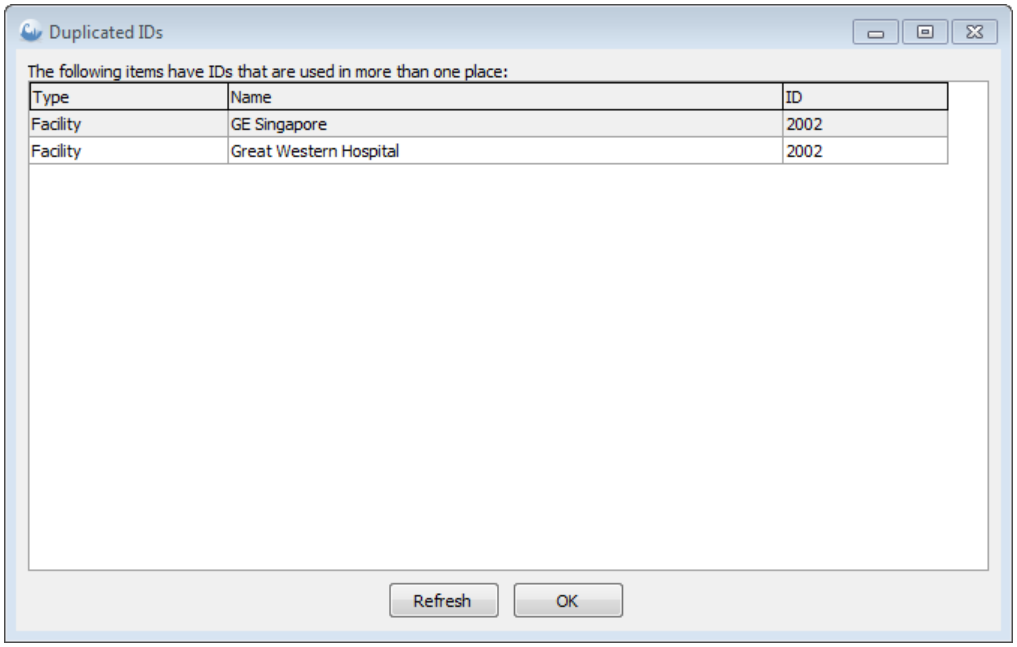
Using Ocean Central

3 Using Ocean Central

When you run Ocean on the server the Ocean Central page in Options will not be visible. If, on the server, you have Ocean and Ocean Central running at the same time, sessions that are being accepted may not immediately be visible in Ocean. To update the Central Database, go to the Central Database tab on the ribbon bar and click on the Refresh button (see picture below).



The database tree is updated and all new sessions accepted by Ocean Central will become visible. Every time Ocean starts, it will check that IDs are unique if you use ID to locate sessions. If not, a dialog, such as the one below, pops up automatically:



You can double-click on items to correct the duplicate ID.

Chapter 4

Frequently asked questions

4 Frequently asked questions

Where can I find my license keys?

The license keys are located on the back of the CD cover.

Can I distribute measured data to the users?

No. Ocean Central does not have this feature. You can only distribute templates to the users.

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